



Romanian Limnogeographical
Association



Danube Delta Biosphere
Reserve Authority



Danube Delta National Institute
for Research and Development

International Conference Water resources and wetlands

14-16 September, Tulcea Romania

CONFERENCE PROGRAMME



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Scientific committee

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Petre Brețcan - Secretary

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Danube Delta National Institute
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International Conference
Water resources and wetlands
14-16 September, Tulcea – Romania

CONFERENCE PROGRAMME

Organizing Committee

Petre Bretcan - Valahia University of Targoviste (Romania)

Radita Alexe - Valahia University of Targoviste (Romania)

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International Conference

Water resources and wetlands

14-16 September, Tulcea – Romania

CONFERENCE PROGRAMME

September 13, 2012

Arrivals of participants, transfer Bucharest airport - Tulcea, accommodation Delta hotel

19:30 Welcome cocktail and Dinner

September 14, 2012

8:00 – 9:00 **Registration** (Room A “Mihail Kogălniceanu” - Tulcea County Council)

9:00 – 10:45 **Opening ceremony – Official Addressing**

Opening of the Conference by **Mr. Petre Gâștescu**, President of Romanian Limnogeographical Association (Romania)

Welcoming Address by **Mr. Ionel Andrei**, General Director, National Authority for Scientific Research (Romania)

Welcoming Address by **Mr. Eduard Lucian Simion**, Prefect, Tulcea County (Romania)

Welcoming Address by **Mr. Horia Teodorescu**, President, Tulcea County Council (Romania)

Welcoming address by **Mr. Constantin Hoge**a, Mayor, Tulcea City

Welcoming Address by **Mrs. Viorica Bâscă**, Governor, Danube Delta Biosphere Reserve Authority (Romania)

Welcoming Address by **Mr. Roman Pirvulescu**, Director, Danube Delta National Institute for Research and Development (Romania)

Address by **Mr. Gérard Beltrando**, University Paris Diderot (France)

Address by **Mr. Marian Traian Gomoiu**, Romanian Academy (Romania)

Address by **Mr. Hidetoshi Naganawa**, Naganawa Memorial Institute of Environmental Science (NMIE) (Japan)

Address by **Mr. Laurent Touchart**, Université d'Orléans (France)

Address by **Mr. Loiskandl Willibald**, Universität für Bodenkultur Wien, Austria

Address by **Mr. Ștefan Păun**, Vice-Rector, Hyperion University

Address by **Mr. Vasile Cucu**, President of Romanian Humanist Geographers Association

Address by **Mrs. Elena Țuchiu**, Romanian Waters Authority

10.45 – 11:15 Coffee break / Press Conference

Plenary session

Chairpersons: Marian Traian Gomoiu, Grigore Baboianu, Radu Drobot

11:15- 11:30 The Danube river in the Pontic Sector -hydrological regime
Petre Gâștescu, Elena Țuchiu (Romania)

11:30-11:45 Sea level observed and projected and impact on Indian and Pacific
Tropical Islands
G rard Beltrando (France)

11:45-12:00 Protection-destruction spiral: a nightmare scenario from Lake
Gusinoe via Selenga Delta to Lake Baikal
Hidetoshi Naganawa (Japan)

12:00-12:15 Thermoclines in ponds: A new typology by the study of continuous
water temperature measurements
Laurent Touchart, Pascal Bartout (France)

12:30 – 14:00 Lunch

14:00 – 16:00 Parallel sessions (Hotel Delta)

Topic A. Rivers and lakes ecosystem ecology

Topic B. Climate changing and water resources

Topic C. Coastal environment

Topic D. The XXI Scientific Symposium Deltas and wetlands, 2012

Topic E. Water policies

16:00 – 16:30 Coffee break

16:30 – 18:30 Parallel sessions (Hotel Delta)

Topic A. Rivers and lakes ecosystem ecology

Topic B. Climate changing and water resources

Topic C. Coastal environment

Topic D. The XXI Scientific Symposium Deltas and wetlands, 2012

Topic E. Water policies

19:00 Dinner

September 15, 2012 Field trip in the Danube Delta

8:30-9:00 Boarding the ship

9:00 – 18:00 Field trip in the Danube Delta

13.00 Lunch on board

September 16/17, 2012

9:00 h. Departures Tulcea-Bucharest airport

Topic A. Rivers and lakes ecosystem ecology

Room A (“Mihail Kogalniceanu” - Tulcea County Council)

Chairpersons: Laurent Touchart, Hidetoshi Naganawa, Gavril Pandi,
Natalia Larina

14:00-16:00 Oral presentation

Floodplain management in Hungary
Lóczy Dénes (Hungary)

Water qualitative parameters of fluvial limans located in the south - west of
Dobrogea (Romania)
Romanescu Gheorghe, Stoleriu Cristian, Dinu Cristina (Romania)

Choice of macrophyte substrate in the use of diatoms as indicators of pond water
quality assessment: preliminary data on the case of Alalay Pond (Cochabamba,
Bolivia)
Eduardo A. Morales, Rivera F. Sinziana (Bolivia/SUA)

A dynamical model of a geyser induced by boiling: an application of the
dynamical model of a geyser induced by inflow of gas
Hiroyuki Kagami (Japan)

Ensuring of longitudinal connectivity of Jiu river near the Isalnita dam
Răzvan Voicu, Ecaterina Luca, Liliana Voicu (Romania)

A research on phosphorus fractions in sediment of Koycegiz Lake (Mugla-
Turkey), and its potential release into the lake
Ahmet Demirak, Yalçın Şahin, Feyyaz Keskin (Turkey)

Economic valuation of the Zarivar Lake, Iran
Ghaderzadeh Hamed, Mehrnoosh Asadi, Farshad Seirafi (I.R. of Iran)

Picophytoplankton, as the indicator of the underwater light climate in shallow lakes

Boglárka Somogyi, Anett Kürthy, Balázs Németh, Balázs Kráncz, Lajos Vörös (Hungary)

Căian sliding Lake (Bistrița-Năsăud County) - morphometric and physico-chemical aspects

Gheorghe Șerban, Gheorghe Hognogi, Ovidiu Man (Romania)

The recent palaeolimnology of Red Lake (Romania); assessing changing sediment sources for environmental management

S.M. Hutchinson, A. Frantiuc, A. Haliuc, M. Mindrescu, Gh. Romanescu (UK/Romania)

Quantitative considerations concerning the source-areas for the silting of the Red Lake (Romania) lacustrine basin

Andrei Enea, Gheorghe Romanescu, Cristian Stoleriu (Romania)

16:00-16:30 Coffee break

Chairpersons: Ion Zavoianu, László G.-Tóth, Eduardo A. Morales, Gheorghe Șerban, Marcel Mindrescu

16:30-18:30 Oral presentation

A cosmopolitan population of common reeds (*Phragmites australis*) in the Danube Delta

Carla Lambertini, Luciana Achenbach, Hans Brix (Denmark)

Limnoarchaeological problematics in the light of new scientific discoveries
Gheorghe Romanescu, Octavian Bounegru (Romania)

Effects of the water level fluctuation on the littoral invertebrate communities in Lake Balaton, Hungary

László G.-Tóth, Csilla Balogh, Laura Parpala, Ilona B.-Muskó (Hungary/Romania)

The analysis of pressures and impacts of the lower part of the Danube River
Elena Tuchiu, Adina-Mădălina David (Romania)

The relationship between the water discharges and a series of morphometric parameters of the basins and the hydrographic network
Ion Zăvoianu (Romania)

Phytoplankton assemblages in Bir Mcherga freshwater reservoir (Tunisia)
Amel Ben Rejeb Jenhani, Afef Fathalli, Mohamed Salah Romdhane (Tunisia)

A study on the Motru riverbed morphodynamics with special reference to riparian quality index (RQI)
Oana Ionuș (Romania)

New data base of the glacial lakes in the Romanian Carpathians
Marcel Mindrescu, Andrei Zamosteanu, Ionuț-Alexandru Cristea (Romania)

Fitting the river Tormes and the current aspects of maintaining the drainage system
Duină Valeria Simona (Romania)

Practical solutions for ecological reconstruction of Gerai pond
Dimache Alexandru Nicolae, Iancu Iulian, Sirbu Nicolai, Croitoru Ion (Romania)

Identifying vulnerable areas to inundations by using statistical probability analysis and GIS techniques. Case Study
Stefan Bilasco, Csaba Horvath, Visctor Sorocovschi (Romania)

Water quality investigation of namnam creek which feeds Koycegiz Lake
Özdemir, N., L. Serra Çiçek De Sa Matos Paixao (Turkey)

Posters

Use of seismic refraction, vertical electrical sounding and electrical resistivity tomography to investigate the groundwater aquifer, Wadi Al-Ain, United Arab Emirates (UAE)
Amir Gabr, Ahmed Murad, Haydar Baker, Khalid Boulshi, Hasan Arman, Saber Mahmoud (UAE)

Particularities of seasonal and monthly flowing regime on the small rivers of Maramureș Mountains
Victor Sorocovschi, Gavril Pandi (Romania)

Contribution of N₂-fixation to nitrogen supply of phytoplankton in a water quality control reservoir (Kis-Balaton, Hungary)
Hajnalka Horváth, Kálmán Mátyás, György Süle Mátyás Présing (Hungary)

Siltation and Erosion Processes on a tributary of Lake Itaipu, Paraná State, Brazil
Cristiano Poletto (Brazil)

Testing the applicability of trait-based functional diversity in phytoplankton communities as a tool for water quality monitoring
Károly Pálffy, Lajos Vörös (Hungary)

Response to Increasing Salt Stress of Genetically Different *Phragmites australis* Clones
Luciana Achenbach, Hans Brix (Denmark)

The impact of sediment grain size on heavy metal content
Maslennikova S.S., Larina N.S. (Russia)

The importance of water circulation in lakes Razim-Golovita. Status and quality of ecosystems
Petre Bretcan, Elena Tuchiu, Simona Bretcan (Romania)

Puiulet Lake Danube Delta– bathymetrical characteristics
Daniel Constantin Diaconu, Emanuel Mailat (Romania)

Long-term dynamics of the main hydrometeorological characteristics of spring flood in the Desna River's basin
Liudmyla Gorbachova, Olga Kolianchuk (Ukraine)

The reasons of the instationary of the seasonal runoff of rivers and streams in the Rika River basin
Liudmyla Gorbachova, Tetiana Bauzha (Ukraine)

Picophytoplankton blooms in Transylvanian hypersaline lake
Zsolt Gyula Keresztes, Boglárka Somogyi, Tamás Felföldi, Erika Nagy, Csaba Bartha, Nicolae Dragos, Gyöngyi Székely, Lajos Vörös (Romania/Hungary)

Present state of trophic parameters of the main lakes from Siret and Prut watersheds
Gheorghe Romanescu, Alin Mihu-Pintilie, Cristian Stoleriu, Ana-Maria Romanescu (Romania)

The effect of water level fluctuation on the phytoplankton and phytobenthos in a large, shallow lake

Lajos Vörös, Attila W. Kovács and Boglárka Somogyi (Hungary)

Water bodies Typology System: a Chilean case of scientific stakeholders and policy makers dialogue

Rodrigo Fuster, Andrés de la Fuente, Cristián Escobar, Gloria Lillo, Meliza González, Tanja Pottgiesser (Chile)

Hydro-ecological quality status assessment in different lakes of Danube Delta – Romania. Case study: Uzlina, Isacova, Matita, Babina and Rosu Lakes - 2010
Irina Catianis, Silviu Radan, Priscilla Opreanu, Dumitru Grosu (Romania)

Water temperature variation in the salty lakes in Prahova' s Subcarpathians
Simona Breţcan (Romania)

Geoelectrical investigation at Ain al-Faras spring site of Gadames City, Libya
Elburas Fathi (Libya)

The chemical fractions of heavy metals in the sediment of Koycegiz Lake (Muğla-Turkey)

Ahmet Demirak, Feyyaz Keskin, Yalçın Şahin (Turkey)

The sources of pollution of hydroecosystems with nutrients and the load of pastures in the catchment areas of the Voghchi and Meghriget rivers, Armenia
Karen Grigoryan, Gor Gevorgyan (Armenia)

Researches on the simulation on numerical model of the alluvial transport in the period 2005-2010 and the estimation of the morphological modifications, with application on the Danube river bed for a proposed sector

Victor Dumitrescu, Adrian Barbieru, Alexandru Carsmariu (Romania)

Tipaimukh dam on Barak River and its impact on natural settings: A South-Asian contains

Supratim Karmakar (India)

The application of the combined wastewater point/soil filter treatment plant, as an alternative intervention for the improvement of water quality in some rivers in Albania

Mali Sotir (Albania)

Wetland management and restoration projects in the lower Prut basin related to effects of anthropogenic activities
Florin Vartolomei (Romania)

Danube Floodrisk Project, a story for the Danube floodplain mapping
Mary-Jeanne Adler (Romania)

Association of metals with various sedimentary phases in Dam Reservoir
Torabi Fatima (I.R. of Iran)

Aspects of clogging Pucioasa Lake (Romania)
Ovidiu Murărescu, George Murătoreanu, Țurloiu Rareș, Mădălina Frânculeasa (Romania)

Tracking the main water quality threats in Lake Prespa system (Greek part)
Maliaka Valentini (Netherlands)

The effects of Hydraulic constructions on Kor river Mesohabitat alteration in Iran
Ali Torabi Haghighi, Pouyan Keshtkaran and Bjorn Klove (Finland/IR of Iran)

Hydrotechnical Planning Works in the Catchment Basin of Valea Racilor (Arieș Basin)
Răzvan-Horațiu Bătinaș(Romania)

Cleaning up the Lake Ćelije from nutrients and sediments
Poprasic Bratislav (Serbia)

Characteristics of floods in Valea Cerbului Catchment
Ruth Perju (Romania)

Contribution à la connaissance de l'envasement et de la distribution spatiale de N, P, K de la vase du lac Oubéira (Extrême NE algérien)
H. Alayat, S. Mouissi, R. Satouh (Algerie)

Hydrological hazards in the eastern part of the Getic Piedmont
Dănuț Tanislav, Rădița Alexe (Romania)

Hydrochemical features of the South Dobrogea's lakes
Camelia-Eliza Telteu (Romania)

Natural and anthropic risks in the area of Durgău-Valea Sărată Turda salt lakes
Mircea Alexe, Paula Furtună (Romania)

Flood vulnerability vs. structural measures related to Jiu Valley developed within
the administrative limits of Craiova City
Gabriela Adina Moroşanu (Romania)

Evaluation of capacity for bioaccumulation some heavy metals at two aquatic
plant species
Ivona David, Gabriela Busuioc, Mihaela Sencovici, Nicoleta Iliescu (Romania)

Bratia hydrographic basin Morphometric features
Mihai Dumitrescu (Romania)

Underground waters in the Gilort hidrographic basin
Grigore Ciocăzan (Romania)

September 14, 2012

Topic B. Climate changing and water resources

Room B (Hotel Delta)

Chairpersons: Gérard Beltrando, Elena Teodoreanu, Ali Gul, Carmen Dragotă,
Liudmyla Gorbachova

14:00-16:00 Oral presentation

Detecting risks for Turkey's Wetland Systems in terms of River Flows and Environmental Flow Requirements

Ali Gul, Gulay Onusluel Gul, Aysegul Kuzucu (Turkey)

Structural changes of bacterial community in deltaic ecosystems

Elena Stanescu (Voinea), Catalina Stoica, Irina Lucaciu, Alina Catrangiu, Margareta Nicolau, Stefania Gheorghe (Romania)

Some aspects of the Danube Delta bioclimate

Elena Teodoreanu (Romania)

The use of drought indices to monitor droughts in Turkey

Selim Dogan, Ali Berkday, Vijay P. Singh (Turkey)

Influence of regional change on biological assemblages in the Danube Delta

Catalina Stoica, Elena Stanescu, Irina Lucaciu, Stefania Gheorghe, Margareta Nicolau (Romania)

Comparative study of climatic parameters affecting evaporation in Central and Southern coastal areas in Iran

Hossein Malekinezhad (Iran)

Precipitation influence on liquid leakage from the hydrological basin Desnățui before and after the hydrotechnical design

Andreea Marinela Ciuiinel, Irina Onțel (Romania)

16:00-16:30 Coffee break

Chairpersons: Elena Stănescu, Ovidiu Murărescu, Svetlana Maslennikova,
Mihaela Sencovici

16:30-18:30 Oral presentation

Precipitation changing and wetlands in the Middle-Atlas, Morocco
Lebaut Sébastien, Labhar Mohamed (France/Morocco)

Annual and seasonal distribution of sunshine in Pakistan 1931-1990
Saifullah Khan, Mahmood-UI-Hasan, Muhammad Aslam Khan (Pakistan)

Study of the impacts of climate change on water resources in the Central Middle Atlas (Morocco)
Hind Fattah, Mohamed-Saïd Karrouk (Morocco)

Intensification of Energetic Budget (as a result of Climate Change) and its impact on the reduction of water resources in the Basin of Bouregreg
Sallok Amal (Morocco)

Effects of drought on winter wheat yields in a semi-arid region
Abderrahmani Belaid, Hadjel Mohamed, Dobby Abdelmadjid, Hassini Nouredine (Algeria)

Appreciation of water resources in Byc River basin
Ana Jeleapov, Nicolae Boboc (Rep. of Moldova)

Posters

High peats as the indicator of climatological and ecological changes of environment
Larina N.S., Larin S.I., Merkusina G.A. (Russia)

The dynamics and probabilistic characteristics of the ice phenomena of the Danube River and its Kiliysky channel
Liudmyla Gorbachova, Borys Khrystyuk (Ukraine)

Unit cost for pumping irrigation water in Egypt
Alaa El-Hazek (Kingdom of Saudi Arabia)

Evolution of the wetland from south part of Moldavian Plain
Ionuț Minea, Doru Butelca (Romania)

Bacteriological treatment of denitrification of nitrate and nitrite by isolated
pseudomonas from Baghdad waste water
Hassoon Hammadi Ali, Sattar Abood Ahmed, Al-Dulaimi Abdul Sattar, Alzawi
Waleed (Iraq)

Aspects of topoclimate regionalization of the city Targoviste (Romania)
Bogdan Pușcoi, Ovidiu Murarescu, Gica Pehoiu (Romania)

Impact of climate change on the water resources of India: Challenges in
adaptation
Shadananan Nair (India)

Comparison of different geostatistical methods to estimate groundwater level at
different climatic periods
S. M. Sadat Noori, K. Ebrahimi, A. M. Liaghat (Iran)

Aridity, climatic phenomenon of Danube Delta
Marius Lungu, Daniela Pleșoianu, Liliana Panaitescu (Romania)

Torrential rainfall in south Dobrogea - economic implications
Marius Lungu, Daniela Pleșoianu (Romania)

Permeability in a large crystalline watershed
Sékouba Oulare; Kouame Kernand K.; René Therrien; Saley M. Bachir Et Biemi
Jean (Côte d'Ivoire/Canada)

Production of clean water from agro-industrial wastewaters using osmotic
distillation
Abdelilah El-Abbassi, Hajar Kiai, Abdellatif Hafidi, Maria Carmen García-Payo,
Mohamed Khayet (Morocco/Spain)

Impacts of changes in winter period temperature on snowpack water availability: a case study from Southern Finland

Masoud Irannezhad, Anna-Kaisa Ronkanen, Bjørn Kløve (Finland)

Long-term Variability of Snowfall and Continuous Snow Cover Duration in Southern Finland and Their linkage to Teleconnection Indices

Masoud Irannezhad, Anna-Kaisa Ronkanen, Bjørn Kløve (Finland)

Climate change and risk management in Palestine

Wafa Hasan, Ghasan Dweik (Palestine)

The impact of the periods of pluviometric surplus and deficit on the environment in the Plain of Târgoviște

Mihaela Sencovici (Romania)

Application of multivariate statistical methods to surface water and groundwater of the Soummam basin, Algeria

Lazhar Belkhiri, Lotfi Mouni (Algeria)

Stochastic analysis of rainfall event in Sub-Sahara Africa

Elemide Oyebola Adebola (Nigeria)

Snowstorm – severe meteorological phenomenon. Case studies: two snowstorm episodes from the 2011-2012 winter

Doruța Ciurlau (Romania)

Climate change and water resources

Bahram Shakouri, Soheila Khoshnevis Yazdi (Iran)

The effect of climate change in poultry production

Michael Adedotun Oke (Nigeria)

Key climate features to support biological diversity in a Natura 2000 site: SPA Lower Olt Valley (Valea Oltului Inferior)

Monica Dumitrașcu, Carmen-Sofia Dragotă Ines Grigorescu, Mihai Doroftei, Costin Dumitrașcu (Romania)

Floodplain wetland dynamics in the Danube delta from remotely sensed imagery

Simona Niculescu, Cédric Lardeux, Grégoire Mercier, Laurence David (France)

September 14, 2012

Topic C. Coastal environment

Posters

Assessment of environment and economic ecosystem services in the Coastal Lagoon of Karavasta in Albania
Romina Koto, Aida Bani (Albania)

Distribution of vascular plants and lichens in the coastal ecosystems of the White Sea
Sergienko L.A., Markovskaya E.F., Sonina A.V., Starodubceva A.A (Russia)

The coupling of land to coastal sea by nutrient rich groundwater flux: Greening of Arabian Sea
Joseph Sebastian Paimpillil, K.K Balachandrsn (India)

Littoral fringe of west Bengal: The Sundarban
Ankita Siddhanta (India)

Dégradation pernicieuse de l'environnement côtier du Gabon : exemple du littoral nord de Libreville
Maloba Makanga Jean Damien (Gabon)

Computer simulation of an emergency situation - accidental discharge of hydrocarbons in the Black Sea
Ionuț Voicu, Valeriu Nicolae Panaitescu, Constantin Popa (Romania)

Multiple indications in the Coastal Lagoon System of Albanide
Jakup Hoxhaj, Fatbardha Cara, Hasan Kuliçi, Shehribane Abazi
(Albania/Kosovo)

Topic D. The XXI Scientific Symposium Deltas and wetlands, 2012

Room C (Hotel Delta)

Chairpersons: Gheorghe Romanescu, Ion Grigoraş, Török Liliana

14:00-16:00 Oral presentation

WEB Map Viewer for Hazard and high resolution DTM (from LIDAR) in Danube flood plain and Danube Delta

Ion Grigoraş, Adrian Constantinescu, Iulian Nichersu, Marian Mierlă, Cristian Trifanov (Romania)

Flood hazard assessment using satellite images and the elevation model for Sontea – Fortuna lacustrine complex, Danube Delta

Marian Mierlă, Gheorghe Romanescu (Romania)

Marsilea quadrifolia L. in the protected wetlands from Romania

Daniela Strat (Romania)

Understanding public participation and combining perceptions of stakeholders' for A Better Management in Danube Delta Biosphere Reserve (Romania)

Nataşa Văidianu (Romania)

The White-tailed Eagle (*Haliaeetus albicilla*) in Danube Delta: one year of satellite telemetry

Domşa, C., Sándor D. A., Kiss, J. B., Marinov M., Alexe V., Lészai I.

Danube Flood Risk management, spatial planning and stakeholder's involvement in Giurgiu case study

Iulian Nichersu, Marian Mierlă, Eugenia Marin, Cristian Trifanov Cristian, Iuliana Nichersu (Romania)

Coupling wetlands, surface water and groundwater through mathematical modeling

Valentin Zaharia, Radu Drobot (Romania)

Aftermath of the flooding: Geomorphological evolution of the Danube Delta after the Black sea- Mediterranean reconnection and its implications on eneolithic settlements

Jean-Michel Carozza, Laurent Carozza, Valentin Radu, François Levêque, Christian Micu, Albane Burens, Gicu Opreanu, Constantin Haita, Mihaela Danu (France/Romania)

Relocation of the Fish Farms in Gulluk Bay

Yalcin Arisoy, Guzel Yucel-Gier, Idil Pazi (Turkey)

The preliminary biological assessment of environmental quality in Midia Harbor - Black Sea – Romania

Ana Bianca Pavel, Priscila Opreanu, Irina Catianis, Dan Grosu, Costin Ungureanu, Adrian Stanica (Romania)

16:00-16:30 Coffee break

Chairpersons: Iulian Nichersu, Daniela Strat, Ali Berkday, Sorin-Corneliu Rădan

16:30-18:30 Oral presentation

Importance of constructed wetlands to treat wastewater as a part of water management

Ali Berkday (Turkey)

Research on effects of land use decisions on Gediz Delta as a Ramsar Site
Okan Yilmaz, Ümit Erdem (Turkey)

The role of wetlands in flood protection

Šperac Marija, Rabi Anamarija (Croatia)

The vascular plants and epilithic lichens of fresh-water coastal ecosystems in the monitoring of hydrosphere' condition

Anzhella Sonina, Evgenia Markovskaja, Liudmila Sergienko, Anastasya Starodubtceva (Russia)

Water quality in gulf of Marmaris

Özdemir, N., Tarkan A.N., Özkahya, P. (Turkey)

Monitoring seasonal changes of chlorophyll a in the Marmaris Bay

Şeyma Merve Kaymaz, Nedim Özdemir, Ahmet Nuri Tarkan (Turkey)

Posters

Magnetic susceptibility calibration and lithological characterization of the lake sediments from the Black Sea Littoral Zone (Romania): Natural and anthropogenic inferences"

Sorin – Corneliu Rădan, Silviu Rădan, Camelia Vărzaru (Romania)

Current data on Stone marten (*Martes foina*) distribution in Dobrogea and its record in the Danube Delta (Romania)

J.B. Kiss, Alexandru Doroşencu, Attila Sándor, Mihai Marinov, Vasile Alexe

Magnetic susceptibility distribution in lake sediments inferred from short cores collected in the Danube Delta and Razim – Sinoie Lagoonal Complex. II. Results from the lagoonal complex

Sorin-Corneliu Rădan, Silviu Rădan, Irina Catianis (Romania)

Floodplain wetland dynamics in the Danube Delta from remotely sensed imagery
Simona Niculescu, Cédric Lardeux, Grégoire Mercier, Laurence David (France)

The Prut Floodplain potential Ramsar Site. Current situation and perspectives

Gina Radu, Iuliana Ticalo, Dan Buruiana (Romania)

Potential spread of *Ailanthus altissima* in the Danube Delta Biosphere Reserve

Mihai Doroftei, Marian Mierlă, Gheorghe Kucsicsa, Ines Grigorescu, Monica Dumitraşcu (Romania)

Doubtful herpetological records in the Danube Delta Biosphere Reserve (Romania)

Török Zsolt Csaba

September 14, 2012

Topic E. Water policies
Room D (Hotel Delta, six floor)

Chairpersons: Liliana Zaharia, Loiskandl Willibald, Mohamed Salah Romdhane

14:00-16:00 Oral presentation

Impacts of water policy and fight against floods on the river channel. The case of the Lower Siret River

Florence Salit, Liliana Zaharia, Gérard Beltrando (France/Romania)

Chikungunya, a water-borne disease: how the inhabitants of the island of Reunion Island have handled the crisis?

Maryse Gaimard, Dominique Soulancé (France)

Water and landscape management aspects in the Lake Neusiedl region

Loiskandl W., Kogelbauer I., Nolz R., Grabenhofer H. (Austria)

Fine-scale phylogenetic diversity patterns in moist environments and their relevance for conservation

Șerban Proches (South Africa)

Educate people about flood risk

Liliana Zaharia (Romania)

Tourist attractiveness of Ramsar wetlands. Case study: Champagne Humide Lakes (France) and Comana Natural Park (Romania)

Florent Luc, Gabriela Toroimac (France/Romania)

Phytoplankton and Water Quality Characterization: Seasonal and medium term monitoring in Northern Tunisia

Mohamed Salah Romdhane, Amel Ben Rejeb Jenhani (Tunisia)

Application of DRASTIC model and GIS for evaluation of aquifer vulnerability: Study case Barlad City area

Iuliana Gabriela Breaban, Madalina Paiu (Romania)

16:00-16:30 Coffee break

Chairpersons: Elena Tuchiu, Florent Luc, Proches Serban, Dominique Soulancé

16:30-18:30 Oral presentation

Policy tools for the protection of migratory waterbirds in Ramsar Parna Pantanal Site (Mt, Brazil) face the impacts of climate change and land use
Heloisa de Camargo Tozato, Neli Aparecida de Mello-Théry, Vincent Dubreuil (Brazil/France)

Analyses of the nitrates concentrations evolution in water resources according with the European Directives requirements
Elena Tuchiu, Elvira Marchidan (Romania)

A case study on Tahtali Dam, Investigating Dam Reservoirs within the scope of environmental impacts and the Turkish Legislations, in terms of Recreational Usage Approaches
Gokhan Balik, Bahar Turkyilmaz Tahta (Turkey)

Monitoring drinking water quality parameters using modern electrophoretic techniques
Ioan-Ovidiu Neaga, Ede Bodoki (Romania)

Organic and inorganic contaminants in the Bahlui river in the built-up area of Iasi city
Ana Maria Oişte, Iuliana-Gabriela Breban (Romania)

Anthropic influences. strategy and water management resources in East South-East of Dobruja area
Dacian Constantin Teodorescu, Camelia Pulbere, Silviu Matei, Hristu Uzun (Romania)

Environment rehabilitation on Trotus river valley, after the 2004 and 2005 floods
Ionuţ Popa (Romania)

Implementation of the European Water Framework Directive in Turkey
Bilgehan Nas, Nermin Çiçek, Ali Berktaş (Turkey)

Water policy and urbanization in Morocco: The recent changes in the urban water space in a country in South Mediterranean
El Mahdad El Hassane (Morocco)

Posters

Poverty reduction linkage with water management in sub-Saharan Africa
Elemide Oyebola (Nigeria)

Water and Chikungunya at the Ravine of Cabris, Reunion Island
Maryse Gaimard, Dominique Soulancé (France)

The importance of the new proposal concerning the methodology for implementation for the resource recovery water use in the Rio das Velhas River Basin Committee, Minas Gerais, Brazil
Heodoro Hildelano Delanusse (Brazil)

Modern irrigations, premise for an efficient water management of the water resources in Israel
Nathan Cohen, Adrian Cioacă (Israel/Romania)

Possibility of elimination of organic material type humic adsorption on different materials of a water surface area of Bejaia
Amimeur Djamel, Guergazi Saâdia, Achour Samia (Algeria)

Exploring the feeding value of *Najas Horrida* (Aquatic Plant) as fodder for sheep and goats
Yacoub Hoda (Egypt)

Surface water quality changes of River Reaches due to urbanization
Kusari Laura (Kosovo)

Metallothionein in Persian sturgeon, *Acipenser persicus* L. from Caspian Sea
F. Shariati, M. Pourkazemi, S. Shariati, B. Mahboonia, M. Pourdehghani (Iran)

Identifying the hydrotouristical potential of the Măcin Mountains
Florin-Catalin Purice, Gheorghe Romanescu (Romania)

SWOT analyzes on the impact of engineering works from Arges River Basin on fluvial systems

Mariana Soare (Romania)

Balneoclimateric (spa) potential and possibilities for development and promotion of rural tourism in Tămășeu, the locality with balneo-climateric function (from Bihor county, Romania)

Mihai Vlaicu, Ioana Josan, Lucian Blaga, Ovidiu Gaceu (Romania)

Aspects of habitat fragmentation – analysing a Natura 2000 Site: Olt-Danube confluence area

Gheorghe Cloță, Ramona Cherăscu (Romania)

Impacts of water resource projects on rural Livelihoods in the Bundelkhand region
Sudhakaran Sunandu (India)

Climate change and water resources in Sub-Saharan Africa

Mass Alassan, Keita Lamin, Deen Adama (The Gambia)

State groundwater basin of the Siret river point of view of strengths of nitrates from agricultural sources; analysis and trends

Delia Gheorghe (Romania)

Sources of water supply in Ploiesti

Mihaela Florina Țâmpu (Romania)

The necessity and opportunity for multifunctional hydrotechnical planning in Viseu river basin

Sima Andrei (Romania)

Developments and prospects in valorising the hydrographic potential of the Țibleș Mountains

Gheorghe Gavrilă Hognogi, Gabriel Cătălin Nicula, Ovidiu Man (Romania)

Balneotherapy and wellness type tourism in the area Zizin – Brasov

Mereș Rodica (Romania)

Harnessing the potential of hydro power in the upper basin of the Arges River, Romania

Laura Ana Mititelu (Romania)

Water pollution and environment

Soheila Khoshnevis Yazdi, Anahita Fashandi (R.I. of Iran)

Water retention in natural and transformed floodplains and its impact on ecosystem services

David Pithart, Tomáš Dostál, Jiří Žaloudík, Kateřina Křováková (Czech Republic)

The Banat swamps

Andreea-Mihaela Arba (Romania)

Measurement of Water Resources Index in Estako-West and Esan Central, Nigeria

Idogho Philipa Omamhe, Olotu Yahaya (Nigeria)

Tailing ponds potential pollution from the Drâa Lasfer mine and impact of mining wastes on the characteristics of groundwater in two village of area in Marrakech – Morocco

S. El fadeli, R. Bouhouch, M. Chaik, Y. Barkouch, A. Aboussad, N.Lekouch, R. F. Hurrell, M.B. Zimmermann, A.Sedki (Morocco/Switzerland)

River restoration experience in Central and East Europe within restore project

Andreea Galie, Elisabeta Cserwid, Mladen Angelov, Vasil Uzunov, Ágnes Irma György (Romania/Bulgaria/Hungary)

Quantitative study of the parameters required to identify the zones with susceptibility to local flood caused by damages of water supply network.

Applications in rural zone of Baia Mare Depression

Alexandru Marian Radu , Augustin Ionu Crăciun, Ionel Haidu, Bogdan Văduva (Romania)

Phenolic compounds and COD removal from Table Olive Wastewaters using ultrafiltration

Hajar Kiai, Abdelilah El-Abbassi, Abdellatif Hafidi (Morocco)

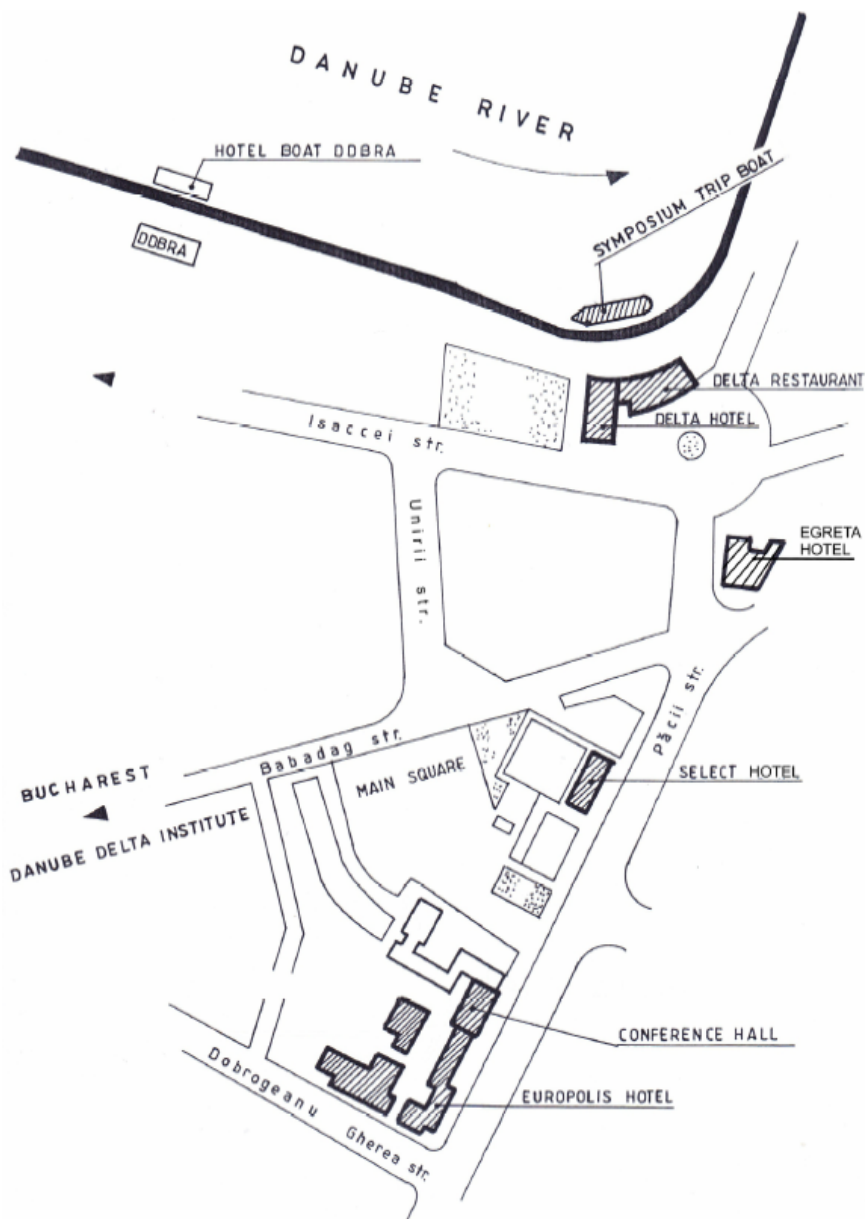
Water resources management in the Gilort hydrographic basin
Grigore Ciocăzan (Romania)

Preconcentration of lead ions in environmental samples by magnetic solid phase extraction
Shahab Shariati, Mostafa Golshekan (Iran)

Sustainable Integrated Water Resources Management: A Case Study of Libya
S.P.Bindra, Saleh Yunis Nabil (Libya)

The traditional exploitation of „The land of Vrancea”: water resources. Aspects of cultural Geography
Nicolae Damian, Alexandra Tătaru (Romania)

The quality of waters in Drobeta – Turnu Severin urban ecosystem
Valentin Andrița (Romania)



Partners



Naganawa Memorial
Institute of
Environmental
Science (NMIE)
(Japan)



Romanian Academy
Institute of Geography



Facultatea de Geografie
University of Bucharest,
Faculty of Geography



"Babes-Bolyai" University of Cluj-
Napoca, Faculty of Geography



"Al.I.Cuza" University of Iasi Faculty
of Geography and Geology



"Romanian Waters" National
Administration Attributions



Valahia University of Targoviste,
Department of Geography



Hyperion University of Bucharest,
Department of Geography



National Institute of Hydrology
and Water Management



Romanian Society of Geography



Tulcea County Council



"Macin Mountains"
National Park



"Stefan cel Mare" University of
Suceava, Department of Geography